

**PUBLIC NOTICE
(TDEC03-42)**

PERMIT APPLICATION: NRS #03-332

APPLICANT: Tennessee Department of Transportation
Environmental Planning and Permits Division
Suite 900, J.K. Polk Building, 505 Deaderick St.
Nashville, TN 37243-0334
(615) 253-2477

LOCATION: SR 88 Bridge and Approaches over unnamed branch and unnamed tributaries,
South Forked Deer River at LM 5.25 Crockett County.. TDOT#17007-3208-94,
Fed# BR-STP-88 (11), PIN 100367.00

WATERSHED DESCRIPTION: The proposed project lies within the South Forked Deer River Watershed and is included in the USGS Hydrologic Map Unit 08010205 of TN. Stream 1(S-1) and S-3 are both intermittent streams that vary in width from 1-4' in agricultural areas. Substrate in the two streams consists of silt and gravel. S-2 is a perennial stream with a width of 1'-3' with a depth of 0 to 10", substrate is composed of silt.

PROJECT DESCRIPTION: The applicant proposes to construct 0.241 mi. of SR 88 along an existing alignment for public use. The construction will consist of a 46 ft. box bridge and new approaches. The roadway will consist of two 12 ft. lanes and two 4 ft. shoulders. The project involves channel relocations and associated stream encapsulations requiring individual permits. For stream relocation impacts TDOT proposes 375.0 ft. of on-site replacement in-kind. As mitigation for the remaining 38.0 ft. of stream losses from culverting and loss of stream length, TDOT proposes payment of \$7,600.00 to the Tennessee Wildlife Resources Foundation for the In-Lieu Fee Stream Mitigation Program. See attached table and permit sketches for detailed information.

The project would be staged in order to complete all necessary excavation in the dry. Standard erosion control devices would be used to prevent sediment from entering flowing water. Upon completion of the work, all disturbed areas would be stabilized.

PERMIT COORDINATOR: Jennifer Wallens

USGS TOPOGRAPHIC QUADRANGLES: Chestnut Bluff, TN Quadrangle 421 SE

Attached:
FIGURES 1 4

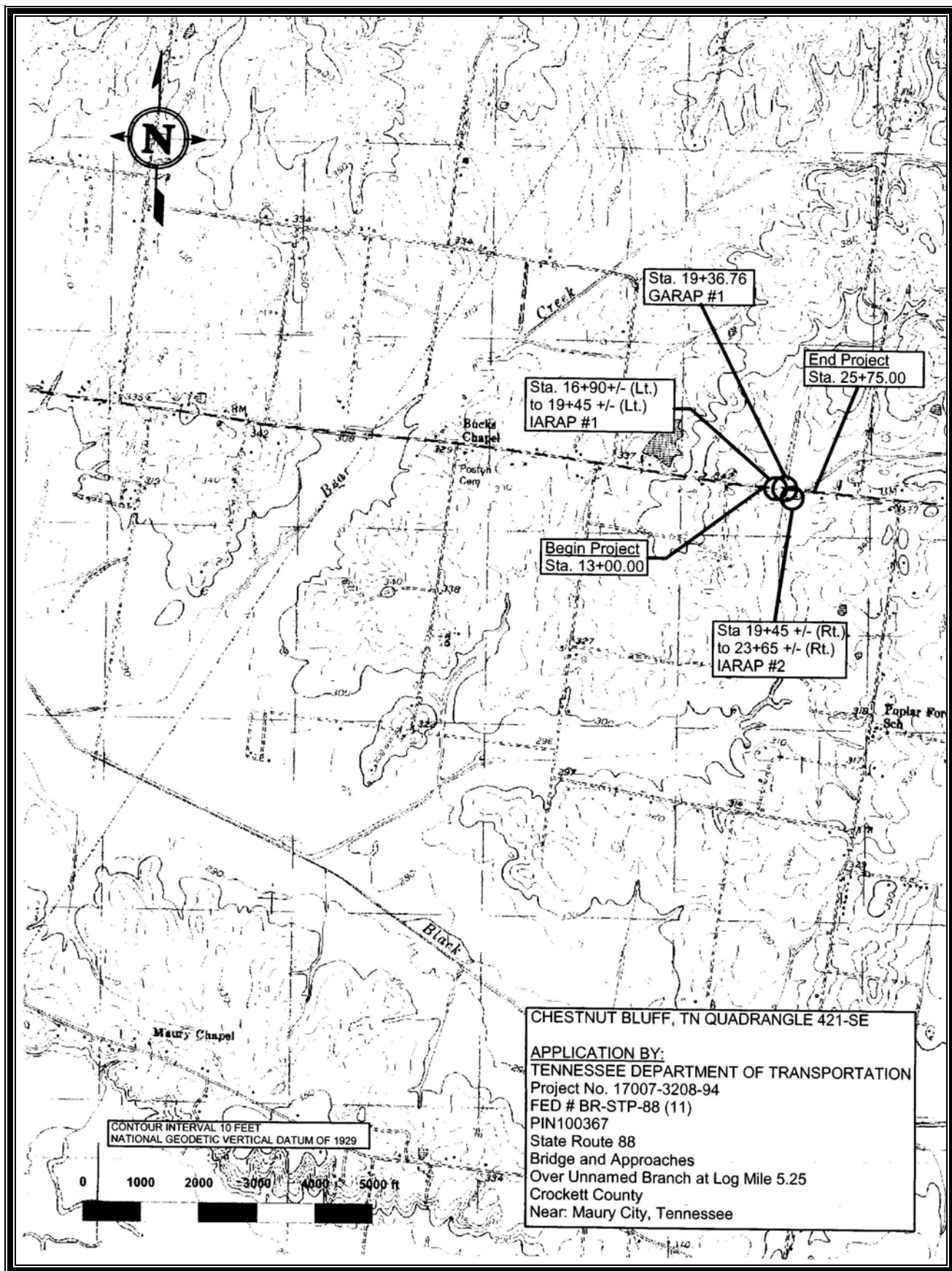


Figure 1 Location Map

Project # 17007-3208-94

Project Description: SR-88, Bridge and Approaches over Branch at LM 5.25

Table 1. Summary of Individual Permit Stream Mitigation

Permit I.D.	Impact Stations	Exist. Open Stream Impact m (ft)	Prop. Open Stream Length m (ft)	Total Exist. Structure Length m (ft)	Proposed Structure or Ext. m (ft)	Total Structure Length m (ft)	Surface Area Impact ha	Replacement Length Required m (ft)	Replacement Length Prop. On-Site m (ft)	Total In-Lieu Fee Length m (ft)	In-Lieu Fee Impact I (x 0.50) m (ft)	In-Lieu Fee Impact II (x 0.75) m (ft)	In-Lieu Fee Impact III (x 1.0) m (ft)
IARAP #1 (S-1)	Sta. 16+90 +/- (LT.) to Sta. 19+45 +/- (LT.)	250.0	225.0	20.0	32.0	32.0	0.005	238.0	225.0	13.0	0.0	0.0	13.0
IARAP #2 (S-3)	Sta. 19+45 +/- (RT.) to Sta. 23+65 +/- (RT.)	175.0	150.0	0.0	0.0	0.0	0.003	175.0	150.0	25.0	0.0	0.0	25.0
TOTALS		425.0	375.0	20.0	32.0	32.0	0.008	413.0	375.0	38.0	0.0	0.0	38.0
In-Lieu Fee Costs											\$0	\$0	\$7,600

Total In-Lieu Fee Cost = \$7,600

In-Lieu Fee

Impact I : Loss of riparian Canopy on proposed stream relocation, channel modifications that deviate from or degrade the proper pattern, profile, dimension, and/or in stream habitat (riffles, pools, structures). Etc.), and synthetic channel liners along banks
(x 0.50)

Impact II : Riprap lined channels (bottom & sides), channel modifications that significantly increase the existing channel cross sections to convey flood flows, riprap or concrete lined stream banks (both banks). Impoundments
(x 0.75)

Impact III : Culverts/ Filling, loss of stream length, concrete lined channels (bottom & sides)
(x 1.0)



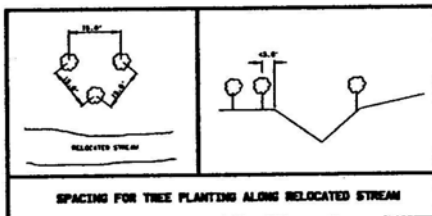
	IARAP #1	Explanation	250.0	Existing Open Stream		238.0	Total Replacement Length
		plus	20.0	Existing Structure	minus	225.0	On-Site Replacement
		minus	32.0	Proposed Structure		13.0	Total In-Lieu Fee
			238.0	Total Replacement Length			
	IARAP #2	Explanation	175.0	Existing open stream		175.0	Total Replacement Length
		minus	0.0	Proposed Structure	minus	150.0	On-Site Replacement
			175.0	Total Replacement Length		25.0	Total In-Lieu Fee

Figure 2 Table 1 Summary Of Individual Permit Stream Mitigation



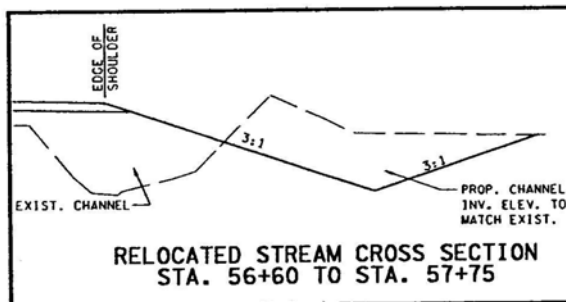
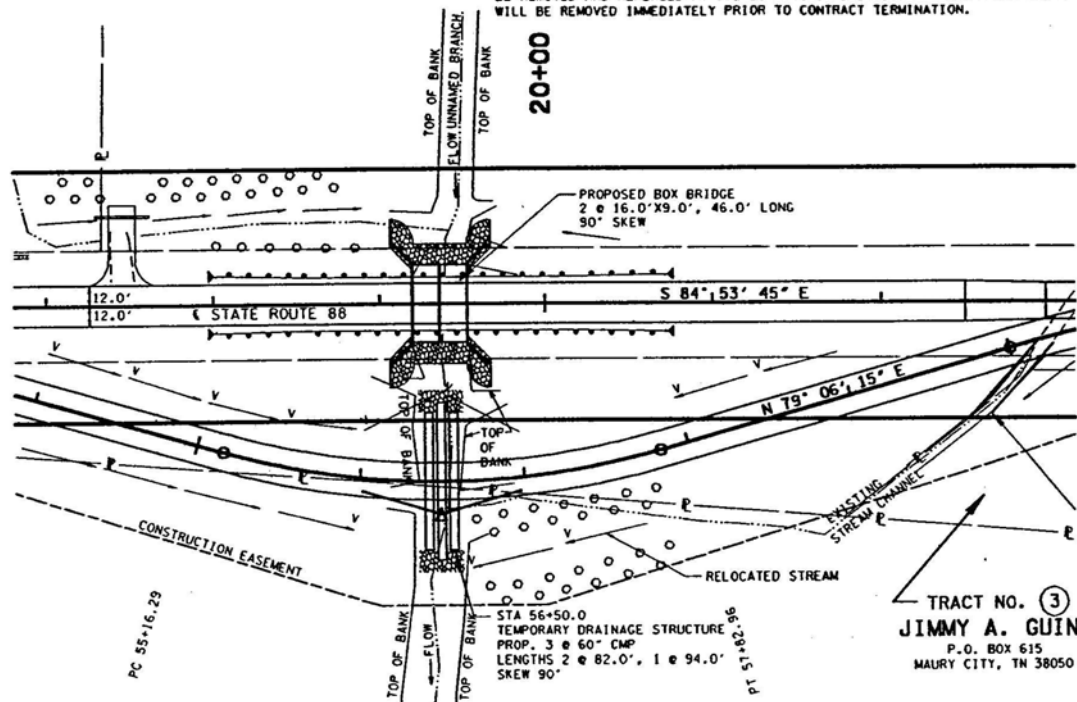
Permit Sketch



TABULATION OF TREE SPECIES

ITEM NUMBER	PAY ITEM	ESTIMATED QUANTITY
802-01.10	TREES (ACER NEGUNDO 1.25-1.5" CAL, B&B)	5 EACH
802-01.11	TREES (ACER RUBRUM 1.25-1.5" CAL, B&B)	6 EACH
802-01.12	TREES (BETULA NIGRA 1.25-1.5" CAL, B&B)	5 EACH
802-01.13	TREES (FRAXINUS PENNSYLVANICA 1.25-1.5" CAL, B&B)	5 EACH
802-01.14	TREES (SALIX NIGRA 1.25-1.5" CAL, B&B)	5 EACH

NO SUBSTITUTIONS FOR ANY OF THE ABOVE SPECIES WILL BE ACCEPTED WITHOUT WRITTEN PERMISSION FROM THE TDOT ENVIRONMENTAL PLANNING AND PERMITS DIVISION. NO CLONES OR CULTIVARS WILL BE ACCEPTED. ANY TREES FOUND TO BE EITHER INCORRECT SPECIES, IMPROPERLY PLANTED, OR WHICH DO NOT SURVIVE, AT ANY TIME PRIOR TO TERMINATION OF THE CONTRACT, SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. STAKES AND WIRES WILL BE REMOVED IMMEDIATELY PRIOR TO CONTRACT TERMINATION.



EXISTING OPEN STREAM LENGTH: 175 FT
RELOCATED OPEN STREAM LENGTH: 150 FT

TRACT NO. ④
GERALD FITZHUGH
AND BERNICE BOLDING
8809 HWY. 88
HALLS, TN 38040



APPLICATION BY:
TENNESSEE DEPARTMENT OF TRANSPORTATION
PROJECT No. BR-STP-88(11)
S.R. 88, BRIDGE AND APPROACHES
OVER BRANCH AT L.M. 5.25
NEAR MAURY CITY, TN.

DATE: 06/20/03

REVISED: 08/27/03

SHEET 2 OF 2

Figure 3 Permit Sketch 1

